

## PATENT APPLICATION

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

Attorney Docket No.: 2950.16US02

Bi et al.

Confirmation No.: 9146

Application No.: 09/715,935

Examiner: E. B. Fuller

Filed: November 17, 2000

Group Art Unit: 1762

For: COATING FORMATION BY REACTIVE DEPOSITION

PRELIMINARY AMENDMENT

Box RCE  
Commissioner for Patents  
Washington, D.C. 20231

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Sir:

In response to the Office Action of April 19, 2002, and further to the Appeal Brief of November 19, 2002 and the Examiner's Answer of January 29, 2003, amendment to the above-identified patent application is requested. Please enter the following amendments prior to consideration of the enclosed Request For Continued Examination.

In the Claims

Please substitute the following amended claims for those currently pending:

18. (Twice Amended) A method of coating a substrate, the method comprising:  
reacting a reactant stream within a flow by directing a radiation beam at the reactant stream to produce within the flow a product stream comprising particles downstream from the radiation beam, wherein the particles are produced by the reaction and wherein the reaction is driven by energy from the radiation beam;

C1

PATTERSON, THUENTE, SKAAR & CHRISTENSEN, P.A.  
4800 IDS Center, 80 South Eighth Street  
Minneapolis, Minnesota 55402-2100 USA

## FACSIMILE COVER SHEET

TELEPHONE: (612) 349-5740

TOLL FREE: 1-800 331-4537

FACSIMILE: (612) 349-9266

TOTAL NUMBER OF PAGES BEING SENT (INCLUDING COVER SHEET): 16

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☐ Original documents to follow by mail☒ No originals will be sent

DATE: March 28, 2003

TO: Examiner Eric B. Fuller  
Group Art Unit 1762

FAX #: 703-872-9311

PHONE #: 703-308-6544

Application No.: 09/715,935

OUR REF.: 2950.16US02

Applicant: BI et al.

Due Date: March 28, 2003

FROM: Peter S. Dardi, Ph.D.

PHONE #: (612) 349-5746

Attached please find the following document for filing in the above-identified patent application:

- 1) RCE Transmittal; and
- 2) Preliminary Amendment.

Sincerely,



Peter S. Dardi, Ph.D.

Reg. No. 39,650

## CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that this paper is being transmitted by facsimile to the U.S. Patent and Trademark Office, Fax No. 703-872-9311 on the date shown below thereby constituting filing of same.

March 28, 2003

Date

  
Shari R. Thorndike

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Customer No. 24113  
 Patterson, Thunte, Skaar & Christensen, P.A.  
 4800 IDS Center  
 80 South 8th Street  
 Minneapolis, Minnesota 55402-2100  
 Telephone: (612) 349-5740  
 Facsimile: (612) 349-9266

Attorney Docket No. 2950.16US02

REQUEST FOR CONTINUED EXAMINATION  
 (RCE) TRANSMITTAL

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Box RCE  
 Assistant Commissioner for Patents  
 Washington, D.C. 20231

Sir:

This is a Request for Continued Examination (RCE) under 37 C.F.R. § 1.114 of Application No. 09/715,935, filed November 17, 2000 for: COATING FORMATION BY REACTIVE DEPOSITION, by: Xiangxin Bi, Ronald J. Mosso, Shivkumar Churuvolu, Sujeet Kumar, James T. Gardner, Seung M. Lim and William E. McGovern.

1. Submission required under 37 C.F.R. § 1.114
  - a. ☐ Previously submitted
    - ☐ Please enter in the present application the unentered Amendment under 37 C.F.R. § 1.116, with any attachments, filed on \_\_\_\_\_ in said prior application.
    - ☐ Consider the arguments in the Appeal Brief or reply Brief previously filed on \_\_\_\_\_
    - ☐ Other \_\_\_\_\_
  - b. ☒ Enclosed
    - ☒ A Preliminary Amendment is enclosed. Claims added by this Amendment are properly numbered consecutively beginning with the number next following the highest numbered claim in the prior application.
    - ☐ Affidavit(s)/Declaration(s)
    - ☐ Information Disclosure Statement (IDS)
    - ☐ Other \_\_\_\_\_

2. ☒ The filing fee is calculated below:

	Claims Remaining After Amendment	Highest No. Previously Paid For	Present Extra (Equals)	Small Entity Rate	Add'l Fee	OR	Large Entity Rate	Add'l Fee
Total	44	[44]**	= 0	x 9	\$0		x 18	\$0
Indep.	5	[5]***	= 0	x 42	\$0		x 84	\$0
RCE fee				+ 370	\$370		+ 740	\$740
Mult. Dep.				+ 140	\$0		+ 280	\$280
TOTAL					\$370.00	OR	TOTAL	\$1020.00

☐ First Presentation of Multiple Dependent Claim (MDC)

\* If the entry in Column 1 is less than the entry in Column 2, write "0" in Column 3.

\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.

\*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space.

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found from the equivalent box in Column 1 of a prior Amendment or the number of claims originally filed.

RCE of U.S. Application No. 09/715,935  
Filed November 17, 2000

3. [X] The Commissioner is hereby authorized to charge the Deposit Account No. 16-0631 for the total amount of \$370.00 for RCE filing fee.

Respectfully submitted,



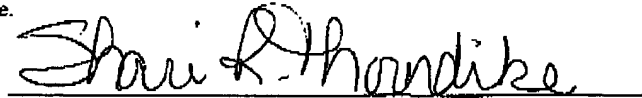
Peter S. Dardi, Ph.D.  
Registration No. 39,650

*Please grant any extension of time necessary for entry; charge any fee due to Deposit Account No. 16-0631.*

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March 28, 2003  
Date

  
Shari R. Thorndike

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